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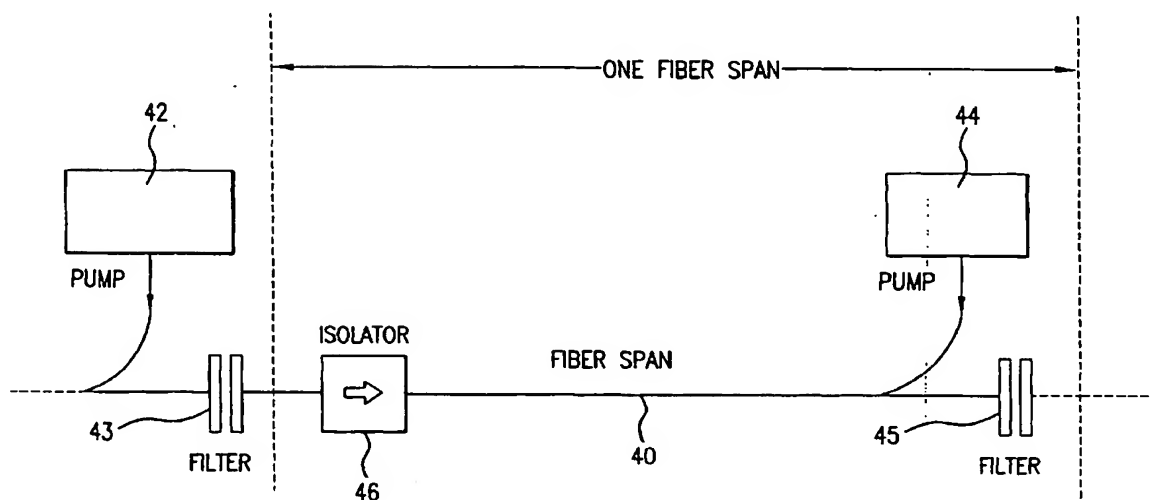
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(54) Title: **WIDE BANDWIDTH FIBER RAMAN AMPLIFIER**



(57) Abstract: A method of Raman amplification comprising the step of effecting a plurality of pump wavelengths on a Raman-active transmission medium transmitting counter-propagating signal wavelengths, wherein at least one of said pump wavelengths are interleaved between said signal wavelengths.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01S3/30 H04B10/17

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01S H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 49721 A (CORVIS CORP) 24 August 2000 (2000-08-24) page 10, line 32 -page 13, line 5 page 18, line 30 - line 33; claim 27 ---	1-20
A	EP 1 018 666 A (FURUKAWA ELECTRIC CO LTD) 12 July 2000 (2000-07-12) abstract; figures 1,14 ---	1-20
A	US 6 052 219 A (KIDORF HOWARD DAVID ET AL) 18 April 2000 (2000-04-18) abstract; figures 2,7 ---	1
A	WO 96 37936 A (CHERNIKOV STANISLAV VIKTOROVIC ;IMPERIAL COLLEGE (GB); TAYLOR JAME) 28 November 1996 (1996-11-28) page 8, line 10 - line 15 -----	12,17, 19,20

☐ Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT
Information on patent family members

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